

Electronic Acknowledgement Receipt

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| EFS ID: | 2056233 |
| Application Number: | 10618380 |
| International Application Number: | |
| Confirmation Number: | 4893 |
| Title of Invention: | Virtual repository complex content model |
| First Named Inventor/Applicant Name: | James Owen |
| Customer Number: | 23910 |
| Filer: | Guanyao Cheng/Nancy V McElrath |
| Filer Authorized By: | Guanyao Cheng |
| Attorney Docket Number: | BEAS-01364US0 |
| Receipt Date: | 07-AUG-2007 |
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| Application Type: | Utility under 35 USC 111(a) |

Payment information:

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| Submitted with Payment | yes |
| Payment was successfully received in RAM | \$180 |
| RAM confirmation Number | 2463 |
| Deposit Account | 061325 |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:
 Charge any Additional Fees required under 37 C.F.R. Section 1.16 and 1.17

File Listing:

| Document Number | Document Description | File Name | File Size(Bytes) /Message Digest | Multi Part /.zip | Pages (if appl.) |
|---------------------|--|-------------------------------|---|------------------|------------------|
| 1 | Information Disclosure Statement Letter | 1364US0_IDS_Trans_807.pdf | 454937 6de3a872b00c0985db514c692397f441 60a096f7 | no | 3 |
| Warnings: | | | | | |
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| 2 | Information Disclosure Statement (IDS) Filed | 1364US0_IDS_807_1.pdf | 1168691 db5b0a6747990832faf7f3eeaa657e3d5 04f3a2a | no | 9 |
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| 3 | Information Disclosure Statement (IDS) Filed | 1364US0_IDS_807_2.pdf | 1134081 e7701e5d240fdd87d04ac87272862da2 8b69e5b0 | no | 7 |
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| 4 | Information Disclosure Statement (IDS) Filed | 1364US0_IDS_807_3.pdf | 1126696 b2d9be71ecd14c94cf914f096acc0a17a c5e470d | no | 8 |
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| 5 | Information Disclosure Statement (IDS) Filed | 1364US0_IDS_807_4.pdf | 1030438 cf5f27197bc5962eda0a8f3a19850dd00 1149e2b | no | 8 |
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| 6 | NPL Documents | AdomaviciusUserProfiling.pdf | 480987 48a4dad62e61d46dc99ff95b6056b1cd 4b91f56d | no | 5 |
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| 7 | NPL Documents | AdyaFarsite.pdf | 5468108 fd428691138a202a1e2e35abec4f6aff7a 9978dc | no | 14 |
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| 8 | NPL Documents | BrowneLocationIndependent.pdf | 657973 6b58ab330e6f846f460b9df27655ba6af 2f27a86 | no | 7 |
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| 9 | NPL Documents | CandanEnablingDynamic.pdf | 712568 08dad1a225c2e7dca152e016812da796 490e6ef4 | no | 12 |

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| 10 | NPL Documents | CatleyDesignofaHealth.pdf | 175284 e9631cd0b1cec504ca5a6d80bcf3ea1d e7358ba2 | no | 2 |
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| 11 | NPL Documents | CingilABroaderApproach.pdf | 1099183 892bd05057bbb6056af33bcbf7f2e1ff48 b1375a | no | 6 |
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| 12 | NPL Documents | FreudenthalRBACDistribute d.pdf | 901786 f30af96904fc811c806d606307f7be987 2baa64e | no | 10 |
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| Information: | | | | | |
| 13 | NPL Documents | HowesTheStringRepresentat ion.pdf | 250393 58c79ad8aad99ea536ab4dc7f50b2b4b ad005413 | no | 8 |
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| 14 | NPL Documents | StephanidisDecisionMaking. pdf | 629668 6ab0217105327fc6055cb94786882968 8f75a7ea | no | 8 |
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| 15 | NPL Documents | StiemerlingHowToMake.pdf | 923603 3cb1c8fbcc472a8eca6b85d18cc852d92 4e9a6082 | no | 12 |
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| 16 | NPL Documents | ZhangDesigning.pdf | 854705 b1095a0e394e2ee67bf493bf79eae813 ae9c8cc7 | no | 11 |
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| 17 | NPL Documents | BEA_System_WebLogic_Se rver_6_1.pdf | 404648 8c8328e6926c145e5083c455ee236d8 62516b948 | no | 6 |
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| 18 | NPL Documents | Visveswaran_Dive_into_Con nection_Pooling.pdf | 414836 d690e97141915d67d4b65ea439aaed2d6 5b5358b | no | 7 |

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| 19 | NPL Documents | TanyiWinsite.pdf | 592106 5c8b668bbef1b20dc8ecba600f82e6aa088852e | no | 6 |
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| 20 | NPL Documents | methodsystemvisually.pdf | 140966 9e24ea481e97369719269378b093044fd13d4e1c | no | 3 |
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| 21 | NPL Documents | Rossi_DesigningPersonalizedWebApplns.pdf | 918958 ee06bc1f0ee5b05d1d2314aa49427b3589919b98 | no | 10 |
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| 22 | Foreign Reference | WO0114962.pdf | 4699373 ab1458b8d6029955739850d4772fc065c900145a | no | 96 |
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| 23 | Foreign Reference | WO0038078.pdf | 2084726 c58c3bacc25245002cbe9e6e78acaf011421b86 | no | 57 |
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| 24 | Foreign Reference | WO0167285A2.pdf | 1724401 6928e9bda64902a61fa5774068c51c916da55054 | no | 32 |
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| 25 | Foreign Reference | EP1256889A2.pdf | 958760 d64369611a799691ce2355158dbxf6ecad4aab48 | no | 20 |
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| 26 | NPL Documents | Lee_et_al_KeepingVirtualInformation.pdf | 903552 9507ad50a026e5dd09ecbf75c6193f09d7fb63d6 | no | 14 |
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| 27 | NPL Documents | SymborskiUpdatingSoftware.PDF | 4767433 7278f0fc1192163176d878431421d5e84a547125 | no | 8 |

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| 28 | NPL Documents | KistlerWebLAProgramming.pdf | 2207250 ccf9122a6760d51d690927b809f9a967 bld50422 | no | 12 |
| Warnings: | | | | | |
| Information: | | | | | |
| 29 | NPL Documents | LevyWebProgramming.pdf | 5549225 5105bcb35d535e8ce827b615b72e0ed 0a4ab5b10 | no | 23 |
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| 30 | NPL Documents | AtkinsMawIADomain.pdf | 4991915 3ec846f540f6ac3101e42f59232ec7726 323d4b0 | no | 13 |
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| 31 | NPL Documents | EPO02723874_SUPP_ESR _060706.pdf | 73684 8ea1e2f154d729705735c30332f15c57 02d69b68 | no | 3 |
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| Information: | | | | | |
| 32 | NPL Documents | EPO02773915_SUPP_ESR _101206.pdf | 59456 ad599f931f7a4580fcdf08159eea8d453 ab9650a | no | 3 |
| Warnings: | | | | | |
| Information: | | | | | |
| 33 | NPL Documents | EP01975484_SUPP_ESR_1 21906.pdf | 542937 7ce87b7dc6e4d574e498f6440eb3c0fd 3e8a5bb3 | no | 2 |
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| 34 | Fee Worksheet (PTO-06) | fee-info.pdf | 8169 a7ca7f48cd4035a3efffb5190bdf064996 b4309c | no | 2 |
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.